

L3 ANSWER 235 OF 693 CA COPYRIGHT 2005 ACS on STN
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TI Cementitious compositions for underwater constructions
IN Shin, Kyu-Hyon; Om, Tae-Hyong; Shin, Do-Chol
PA Ssangyong Cement Industrial Co., Ltd., S. Korea
SO Repub. Korea, No pp. given

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DT Patent

LA Korean

IC ICM C04B024-18

ICS C04B016-02

CC 58-3 (Cement, Concrete, and Related Building Materials)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	<u>KR 9508587</u>	B1	19950803	KR 1992-21274	19921113
	<u>KR 9510000</u>	B1	19950904	KR 1995-15485	19950613
PRAI	KR 1992-21274	A3	19921113		

CLASS

	PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
	<u>KR 9508587</u>	ICM	C04B024-18
		ICS	C04B016-02

AB The cement compns. for underwater constructions are composed of cement 100, active slag fine particles 25-67, nonionic cellulose ether thickener 0.5-2.5, melamine sulfonic acid or triazine plasticizer 0.6-5.0, and antifoaming agent 0.04-0.5 weight parts. The active slag fine powder has a sp. surface area of 4000-5000 cm²/g. The thickener is selected from hydroxy Pr Me cellulose, hydroxy Et cellulose, hydroxy Et Me cellulose, hydroxy Et Et cellulose, or Me cellulose, and has 8000-50000 cP viscosity in the 2% aqueous solution at 2000.

ST mortar cement underwater concrete construction

IT Antifoaming agents

Cement (construction material)

Mortar

(cementitious compns. f